



# FACILITY COMPLIANCE AUDIT REPORT

## Division of Waste Management

### Solid Waste Section

**UNIT TYPE:**

Lined MSWLF		LCID	<b>X</b>	YW		Transfer		Compost		SLAS	
Closed MSWLF	<b>X</b>	HHW		White goods	<b>X</b>	Incineration		T&P		FIRM	
CDLF	<b>X</b>	Tire T&P / Collection	<b>X</b>	Tire Monofill		Industrial Landfill		DEMO		SDTF	

**COUNTY: Harnett**
**PERMIT NO.: 43-02**
**FILE TYPE: COMPLIANCE**

Date of Audit: January 15, 2009

Date of Last Audit: January 18, 2007
**GPS COORDINATES: N: 35.36564 W: 78.64981**
**FACILITY NAME AND ADDRESS:**

Harnett/Dunn-Erwin C&D Landfill  
449 Daniels Road  
Dunn, NC 28334

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Randy Smith  
(910)897-3222

**FACILITY CONTACT ADDRESS:**

Mr. Jerry Blanchard  
Harnett County General Services Manager  
PO Box 940  
Lillington, NC 27546

**AUDIT PARTICIPANTS:**

Dennis E. Shackelford, NCDENR – Solid Waste Section  
Drew Hammonds, NCDENR - Solid Waste Section  
Wes Hare, NCDENR – Solid Waste Section  
Randy Smith, Landfill Operations Specialist

**STATUS OF PERMIT:**

Approval of Transition Plan – January 22, 1996  
Closure of Landfill units Phase I and II – March 19, 1996  
Approval of Borrow Location #2 – May 8, 1998  
MSWLF Facility Transition Plan Modification #3 – June 30, 1998  
MSWLF Facility Transition Plan Modification #4 – March 3, 1999  
To be reviewed by February 3, 2003, extension of permit requested August 14, 2003  
PTO expired July 1, 2008, extension of permit requested June 26, 2008 (under review)

**PURPOSE OF AUDIT:**

Comprehensive Audit

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**NOTICE OF VIOLATIONS:**

**15A NCAC 13B .0542 (l) (4):** states that "Leachate must be contained on-site or treated prior to discharge. An NPDES permit may be required prior to the discharge of leachate to surface waters."

Leachate was observed leaking from the NW side slope adjacent to the haul road near the landfill entrance; crossing the haul road and entering a drain outside the footprint of the landfill. Landfill personnel started grading and compacting the area after it was pointed out. The leachate breakout was repaired during the Audit. Continued monitoring of this area is needed to ensure the seep has stopped. The soil that is contaminated with leachate needs to be collected and placed back at the working face.

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

**STATUS OF PAST NOTED VIOLATIONS:**

None

**AREAS OF CONCERN AND COMMENTS:**

1. The Service Area for this facility is Harnett County.
2. The hours of operation are 7:30am – 4:30pm Monday thru Saturday.
3. The landfill is receiving approximately 40 – 50 tons per day.
4. Some of the records were maintained on site and available for the inspection. Copies of the updated operations plans, financial assurance document, ground water monitoring records, maps, the current approved permit (or documents of submittal) and training records should be on site and readily available for inspection.
5. I recommend a more centralized method of collecting and storing the data to reduce the amount of time and effort to present it for inspection.
6. Groundwater monitoring should be conducted semi-annually and Methane monitoring quarterly and recorded.
7. Monitor wells out of service need to be properly closed.
8. The working face was small and is being maintained less than a ½ acre.
9. Notation of date and time of placement of cover material should be recorded per .0542 (n)(1)(F). Corrective actions need to be underway to provide documentation for cover activities.
10. The waste type was reviewed and is according to permit.
11. Waste screenings are being performed weekly. Recommend that 2 loads or 30 tons are screened weekly.
12. Tires are being removed as they are noticed and placed in the tire area for proper disposal.
13. Windblown waste must be collected and returned to the working face prior to close of business daily. I would strongly recommend that litter fencing be placed to assist with proper management and daily personnel used to maintain compliance with the North Carolina Administrative Code.
14. The flare was down since June and re-ignited the day before the audit.
15. The Certified Landfill Operators are as follows:

**Randall W. Smith**, expires August 26, 2011

**Curtis R. Nichols**, expires February 28, 2009

**David Horner**, expires March 16, 2010

**LaDonna Ward**, expires March 16, 2010

**David Syck**, expires March 16, 2010

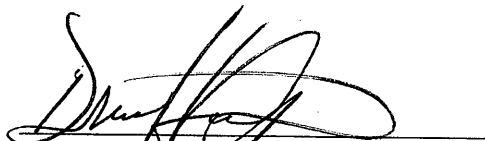
I would recommend reviewing the expiration dates annually so that personnel can plan ahead to attend classes before the certifications expire.

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16. The yard waste area needs to be managed per the .1400 rules, temperatures recorded showing the necessary pathogen reduction prior to use on the landfill. The area should also be noted on the facility maps. **Corrective actions need to be underway.**
17. The LCID landfill should be covered monthly or when the waste approaches 1 acre in size whichever comes first.
18. The LCID landfill boundaries need to be marked with visible permanent stakes so that the landfill footprint is readily identifiable for Landfill Staff and the Waste Management Specialist inspecting the landfill.
19. The previously graded areas need to be provided with a ground cover sufficient to restrain erosion. All inactive areas needing ground cover need to be properly seeded and mulched as a minimum.
20. The Closed MSW Landfill was in good shape with a nice vegetative cover with minimal sparse spots. Continue to inspect weekly and repair any areas that may begin to erode.
21. **Corrective actions are necessary as a result of the findings of this audit and should begin immediately.**
22. Digital photos were taken during the audit.

Please contact me if you have any questions or concerns regarding this audit report.



Drew Hammonds  
Environmental Senior Specialist  
Solid Waste Section  
***Regional Representative***

Phone: (910)-433-3351

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**Cc: Mark Poindexter, Field Operations Branch Head**  
**Dennis Shackelford, Eastern District Supervisor**  
**Wes Hare, NCDENR - Solid Waste Section**  
**Tyrus Clayton, C. T. Clayton, Sr. PE, Inc.**

